

Title (en)
INDUCTION HEATING ASSEMBLY FOR A VAPOUR GENERATING DEVICE

Title (de)
INDUKTIONSGEIZANORDNUNG FÜR EINE DAMPFERZEUGUNGSVORRICHTUNG

Title (fr)
ENSEMBLE DE CHAUFFAGE PAR INDUCTION DESTINÉ À UN DISPOSITIF DE GÉNÉRATION DE VAPEUR

Publication
EP 3731676 A1 20201104 (EN)

Application
EP 18833439 A 20181228

Priority
• EP 17211203 A 20171229
• TW 107146588 A 20181222
• EP 2018097073 W 20181228

Abstract (en)
[origin: WO2019129844A1] There is provided an induction heating assembly (10) for a vapour generating device (1), the heating assembly. The induction heating assembly comprises an induction coil (16), radially inward of which a heating compartment (12) is defined for receiving, in use, a body comprising a vaporisable substance (22) and an induction heatable susceptor (24); and a temperature sensor (11) located against a side of the heating compartment on the central longitudinal axis of the induction coil at an end of the heating compartment, wherein the induction coil is arranged to heat, in use, the susceptor, and the temperature sensor is arranged to monitor, in use, a temperature related to heat generated from the susceptor. There is also provided an induction heatable cartridge (20) for use with the induction heating assembly. The cartridge comprises a solid vaporisable substance; and an induction heatable susceptor held by the vaporisable substance, the susceptor being planar and having an outwardly facing edge and an inwardly facing edge, wherein the total length of inwardly facing edge of the susceptor in a central region of the cartridge with a first area is greater than the total length of outwardly facing edge of the susceptor in an outer region of the cartridge of the same shape and orientation as the central region and with an area equal to the first area.

IPC 8 full level
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